

CURRENT SENSE CIRCUIT

ABSTRACT OF THE DISCLOSURE

A current sense circuit includes a current sense device and a voltage sense device. The current sense device is positioned to sense a drive current provided to a load by a drive circuit. The voltage sense device is coupled across the current sense device and receives a threshold signal at a first input and provides an output signal on an output whose value is dependent upon whether a sense signal at a second input is above or below the threshold signal. A level of the threshold signal changes in response to a voltage level of a power supply that supplies the drive current to the drive circuit.